



**U.S. Serial No. 10/764,173  
Attorney Docket No. 20020/10019**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicants : Schwingel et al.  
U.S. Serial No. : 10/764,173  
Filed : January 23, 2004  
Title : "Composite Metallic Materials and Structures and Methods of Making the Same"  
Art Unit : 1742  
Examiner : Ngoclan T. Mai

**RESPONSE TO THE OFFICE ACTION DATED APRIL 21, 2005**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

In response to the Office action dated April 21, 2005, please enter the following amendments and consider the following remarks:

**Amendments to the claims begin on page 2 of this paper.**

**Remarks begin on page 7 of this paper.**